

## CLAIMS

What is claimed is:

1. A polynulceotide encoding fusion protein, the fusion  
5 protein consisting essentially of a tobamovirus coat protein  
fused to a protein of interest at a fusion joint.
2. A polynucleotide according to Claim 1, wherein the  
fusion is an amino terminus fusion.
- 10 3. A polynucleotide according to Claim 1, wherein the  
fusion is a carboxy terminus fusion.
4. A polynucleotide according to Claim 1, wherein the  
15 fusion is an internal fusion.
5. A polynucleotide according to Claim 1, wherein the  
fusion joint comprises a leaky stop codon.
- 20 6. A polynucleotide according to Claim 1, wherein the  
fusion joint comprises a leaky start codon.
7. A polynucleotide according to Claim 1, wherein the  
protein of interest is an antigen.
- 25 8. A polynucleotide according to claim 1, wherein the  
coat protein is a tobacco mosaic virus coat protein.
9. A recombinant plant viral genome comprising a  
30 polynucleotide according to Claim 1.
10. A recombinant plant virus particle, comprising a  
genome according to claim 9.
- 35 11. A polypeptide encoded by a polynucleotide according  
to Claim 1.

12. A recombinant plant virus, wherein the coat protein is encoded by a polynucleotide according to claim 1.

13. A plant cell comprising a polynucleotide according to Claim 9.

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Add A<sup>3</sup>

ADD C<sup>1</sup>

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